

# Annual (2015) Consumer Confidence Report for Drinking Water Quality



- This is an annual report on the quality of water delivered by the U. S. Naval Station, Guantanamo Bay (NSGB).
- Bottom Line – NSGB drinking water is in compliance with the Safe Drinking Water Act Regulations
- This Report will also be published in the Wire on 1 July 2016 and the Gazette on 8 July 2016
- Our raw water supply is drawn from Guantanamo Bay, approximately 160 feet north of the DESAL Water & Power Plant Compound. This is our “source water” and in our case, it is salt water. The source water is turned into drinking water through a process called “reverse osmosis”.
- Drinking water (including bottled water) may reasonably be expected to contain at least small amounts of contaminants. Their presence does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency’s Safe Drinking Water Hotline (800-426-4791).
- Some people such as immuno-compromised persons should always consult with health care providers for advice on special precautions.
- POC – PWD Environmental Office x5625

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Level of Detected Contaminants: Year 2015						
Contaminant	Sampling Site	Units	MCL or Highest Level Allowed	Level Detected (or Range of Detections)	Violations (Y/N)	Typical Source of Contaminant
<b>1. NATIONAL PRIMARY DRINKING WATER REGULATIONS</b>						
<b>A. ORGANICS</b>						
Total Trihalomethanes (TTHM's)	AV-526 LP BEQ	mg/L	0.080	0.032 - 0.044	No	by-product of disinfection by chlorination
Halo Acetic Acid 5 (HAA5)	AV-526 LP BEQ	mg/L	0.060	0.006 – 0.018	No	by-product of disinfection by chlorination
<b>B. INORGANICS</b>						
Copper	Residential Units: See list Below***	mg/L	AL=1.3 90 <sup>th</sup> Percentile	0.00 – 1.9	No (90 <sup>th</sup> Percentile MCL not exceeded)	corrosion of plumbing; erosion of natural deposits
Copper (Re-sample date of analysis – 10/26/15) attached.	N317 and EP811	mg/L	AL=1.3	0.061 & 0.18 (respectively)	No	corrosion of plumbing; erosion of natural deposits
Lead	Residential Units: See list Below***	mg/L	AL=0.015 90 <sup>th</sup> Percentile	0.00 – 0.0045	No (90 <sup>th</sup> Percentile MCL not exceeded)	corrosion of plumbing; erosion of natural deposits
Fluoride	Water Plant #3 Bldg 815	mg/L	4	0.29 – 1.19	No	water treatment additive which promotes strong teeth; erosion of natural deposits
Nitrate	Water Plant #3 Bldg 815	mg/L	10	ND	No	run-off from fertilizer use; erosion of natural deposits
<b>C. MICROBIALS</b>						
Total Coliform	Residential Units: See list Below***	number of positive samples	No more than one positive sample per month	0	No	naturally present in the environment; indicator species for fecal waste
Turbidity	Reverse Osmosis Plant t Product Water	NTU	0.3	0.01-0.24	No	Breakdown of natural minerals and deposits; indicator of filter efficiency

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2. NATIONAL SECONDARY DRINKING WATER REGULATIONS						
Contaminant	Sampling Site	Units	MCL or Highest Level Allowed	Level Detected (or Range of Detections)	Violations (Y/N)	Typical Source of Contaminant
Sodium	Water Plant #3 Bldg 815	mg/L	250	110	n/a	breakdown of natural minerals and deposits
Chlorides	Water Plant #3 Bldg 815	mg/L	250	160 - 240	n/a	breakdown of natural minerals and deposits
Iron	Water Plant #3 Bldg 815	mg/L	0.3	0.00 – 0.09	n/a	water distribution pipe corrosion
Sulfate	Water Plant #3 Bldg 815	mg/L	250	0.00 - 5.00	n/a	run-off from fertilizer use; erosion of natural deposits
Total Dissolved Solids	Water Plant #3 Bldg 815	mg/L	500	341 - 452	n/a	breakdown of natural minerals and deposits